



# MATURE & LATE LIFE ASSET MANAGEMENT



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As maturing assets significantly exceed their original design life, there is a growing requirement to ensure their continued safe and economic operation. Owners/operators must consider the viability of their assets as they move from extended operation to late life stages. Amerapex helps clients determine the remaining life of these critical assets through Asset Life Assessments (ALAs) and how to extend it by developing life extension program through Asset Life Extension (ALE) studies in compliance with relevant codes and standards.



IMPROVED ASSET RELIABILITY



OPTIMIZE CAPEX AND OPEX



INCREASED PROFITABILITY



## SERVICE OFFERINGS:

- Data collection, review, gap analysis, and assessment
  - Design data
  - Operating data
  - Damage mechanisms and threats
  - inspection and maintenance history
- Aging asset management planning & implementation support services
- Asset audits and reviews
- Asset Life Assessment (ALA) study
  - Assessment of current asset condition to determine deterioration modes/rate and predicted remaining life
- Asset Life Extension (ALE) study
  - Assessment of asset requirements to obtain a desired extended life period and associated recommendations or repair, rerate, and/or replacement
  - Overall asset investment profile and report
- Development & implementation of late life operation strategies
- Review of Safety Critical Elements (SCEs) and performance standards
- OPEX optimization for key asset management operational elements
  - Inspection, Mechanical Integrity, and maintenance
- Awareness, training, and competency
- Development of cessation of operations planning process and management of change

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